

## WEST Search History

DATE: Tuesday, March 25, 2003

### Set Name Query

side by side

### Hit Count Set Name

result set

*DB USPT,PGPB,JPAB,EPAB,DWPI; PLUR YES; OP--ADJ*

|    |                                                                                       |        |    |
|----|---------------------------------------------------------------------------------------|--------|----|
| L1 | polyethylene or poly ethylene or (polymer with ethylene) or (copolymer with ethylene) | 625988 | L1 |
| L2 | L1 with (high density or HDPE)                                                        | 38424  | L2 |
| L3 | L2 same (high molecular weight or (higher near3 molecular weight))                    | 1802   | L3 |
| L4 | L3 same (low molecular weight or (lower near3 molecular weight))                      | 238    | L4 |
| L5 | L2 same (high molecular weight or (higher near3 molecular weight) or H MV)            | 1802   | L5 |
| L6 | L5 same (low molecular weight or (lower near3 molecular weight) or L MV)              | 238    | L6 |
| L7 | L6 and (crack resistance or ESCR or stress resistance or stress strength)             | 33     | L7 |
| L8 | L7 and (blend or mixture or blending or mixing or blended or mixed)                   | 30     | L8 |

END OF SEARCH HISTORY

Generate Collection

Print

## Search Results - Record(s) 1 through 30 of 30 returned.

☐ 1. Document ID: US 20020161157 A1

L8: Entry 1 of 30

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020161157  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020161157 A1

TITLE: Polyolefins and uses thereof

PUBLICATION-DATE: October 31, 2002

## INVENTOR-INFORMATION:

| NAME             | CITY    | STATE | COUNTRY | RULE-47 |
|------------------|---------|-------|---------|---------|
| Laurent, Etienne | Seneffe |       | BE      |         |

US-CL-CURRENT: 526/352

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KMC |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|-----|
| Draw Desc | Image |          |       |        |                |      |           |           |             |     |

☐ 2. Document ID: US 20020156214 A1

L8: Entry 2 of 30

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020156214  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020156214 A1

TITLE: Polyolefins and uses thereof

PUBLICATION-DATE: October 24, 2002

## INVENTOR-INFORMATION:

| NAME             | CITY    | STATE | COUNTRY | RULE-47 |
|------------------|---------|-------|---------|---------|
| Laurent, Etienne | Seneffe |       | BE      |         |

US-CL-CURRENT: 526/240; 526/348.5, 526/352

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KMC |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|-----|
| Draw Desc | Image |          |       |        |                |      |           |           |             |     |

☐ 3. Document ID: US 20020099140 A1

L8: Entry 3 of 30

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020099140

PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020099140 A1

TITLE: Production of multimodal polyethylene

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

| NAME            | CITY                  | STATE | COUNTRY | RULE-47 |
|-----------------|-----------------------|-------|---------|---------|
| Debras, Guy     | Frasnes Lez Gosselies |       | BE      |         |
| Razavi, Abbas   | Mons                  |       | BE      |         |
| Michel, Jacques | Feluy                 |       | BE      |         |

US-CL-CURRENT: 525/191; 525/240

| Full       | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC |
|------------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|
| Drawn Desc | Image |          |       |        |                |      |           |           |             |      |

☐ 4. Document ID: US 20020065368 A1

L8: Entry 4 of 30

File: PGPB

May 30, 2002

PGPUB-DOCUMENT-NUMBER: 20020065368  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020065368 A1

TITLE: Production of multimodal polyethylene

PUBLICATION-DATE: May 30, 2002

INVENTOR-INFORMATION:

| NAME            | CITY                  | STATE | COUNTRY | RULE-47 |
|-----------------|-----------------------|-------|---------|---------|
| Debras, Guy     | Frasnes Lez Gosselies |       | BE      |         |
| Razavi, Abbas   | Mons                  |       | BE      |         |
| Michel, Jacques | Feluy                 |       | BE      |         |

US-CL-CURRENT: 525/191; 525/240

| Full       | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC |
|------------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|
| Drawn Desc | Image |          |       |        |                |      |           |           |             |      |

☐ 5. Document ID: US 20020045711 A1

L8: Entry 5 of 30

File: PGPB

Apr 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020045711  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020045711 A1

TITLE: Polymer composition for pipes

PUBLICATION-DATE: April 18, 2002

INVENTOR-INFORMATION:

| NAME                | CITY        | STATE | COUNTRY | RULE-47 |
|---------------------|-------------|-------|---------|---------|
| Backman, Mats       | Goteborg    |       | SE      |         |
| Heino, Eeva-Leena   | Helsingfors |       | FI      |         |
| Johansson, Solveig  | Stenungsund |       | SE      |         |
| Laurell, Jussi      | Borga       |       | FI      |         |
| Lehtinen, Arja      | Helsingfors |       | FI      |         |
| Lindroos, Jarmo     | Tolkkinen   |       | FI      |         |
| Ora, Marja          | Vantaa      |       | FI      |         |
| Ribarits, Elisabeth | Spekerod    |       | SE      |         |
| Sihvonon, Teija     | Borga       |       | FI      |         |
| Aarila, Jari        | Borga       |       | FI      |         |

US-CL-CURRENT: 525/240

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Draw Desc | Image |          |       |        |                |      |           |           |             |

KNOW

☐ 6. Document ID: US 20020002110 A1

L8: Entry 6 of 30

File: PGPB

Jan 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020002110  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20020002110 A1

TITLE: Titanated chromium/silica-aluminophosphate catalyst

PUBLICATION-DATE: January 3, 2002

INVENTOR-INFORMATION:

| NAME           | CITY                  | STATE | COUNTRY | RULE-47 |
|----------------|-----------------------|-------|---------|---------|
| Debras, Guy L. | Frasnes-Les-Gosselies |       | BE      |         |

US-CL-CURRENT: 502/210

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Draw Desc | Image |          |       |        |                |      |           |           |             |

KNOW

☐ 7. Document ID: US 20020002109 A1

L8: Entry 7 of 30

File: PGPB

Jan 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020002109  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20020002109 A1

TITLE: Titanated chromium/silica-aluminophosphate catalyst

PUBLICATION-DATE: January 3, 2002

INVENTOR-INFORMATION:

| NAME           | CITY                  | STATE | COUNTRY | RULE-47 |
|----------------|-----------------------|-------|---------|---------|
| Debras, Guy L. | Frasnes-Les-Gosselies |       | BE      |         |

US-CL-CURRENT: 502/208; 502/210, 502/242, 502/256, 502/309, 502/350

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Draw Desc | Image |          |       |        |                |      |           |           |             |

KWMC

☒ 8. Document ID: US 6518375 B1

L8: Entry 8 of 30

File: USPT

Feb 11, 2003

US-PAT-NO: 6518375

DOCUMENT-IDENTIFIER: US 6518375 B1

TITLE: Catalyst for the production of ethylene polymer and process for producing ethylene polymer

DATE-ISSUED: February 11, 2003

INVENTOR-INFORMATION:

| NAME              | CITY  | STATE | ZIP CODE | COUNTRY |
|-------------------|-------|-------|----------|---------|
| Monoi; Takashi    | Ohita |       |          | JP      |
| Ikeda; Haruhiko   | Ohita |       |          | JP      |
| Torigoe; Hidenobu | Ohita |       |          | JP      |

US-CL-CURRENT: 526/104; 502/104, 502/152, 502/232, 502/240, 502/254, 526/352, 526/89, 526/95

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Draw Desc | Image |          |       |        |                |      |           |           |             |

KWMC

☐ 9. Document ID: US 6518215 B1

L8: Entry 9 of 30

File: USPT

Feb 11, 2003

US-PAT-NO: 6518215

DOCUMENT-IDENTIFIER: US 6518215 B1

TITLE: Polymerization catalysts, their production and use

DATE-ISSUED: February 11, 2003

INVENTOR-INFORMATION:

| NAME                      | CITY     | STATE | ZIP CODE | COUNTRY |
|---------------------------|----------|-------|----------|---------|
| Bamberger; Robert Lee     | Crosby   | TX    |          |         |
| Jejelowo; Moses Olukayode | Kingwood | TX    |          |         |

US-CL-CURRENT: 502/113; 502/103, 502/117, 502/129, 502/152, 526/118, 526/119

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Draw Desc | Image |          |       |        |                |      |           |           |             |

KWMC

☐ 10. Document ID: US 6489428 B1

L8: Entry 10 of 30

File: USPT

Dec 3, 2002

US-PAT-NO: 6489428  
DOCUMENT-IDENTIFIER: US 6489428 B1

TITLE: Titanated chromium-based catalysts to produce polyethylene

DATE-ISSUED: December 3, 2002

INVENTOR-INFORMATION:

| NAME              | CITY                  | STATE | ZIP CODE | COUNTRY |
|-------------------|-----------------------|-------|----------|---------|
| Debras; Guy       | Frasnes Lez Gosselies |       |          | BE      |
| Dath; Jean-Pierre | Beloeil               |       |          | BE      |

US-CL-CURRENT: 526/352; 502/103, 502/232, 502/240, 502/242, 502/254, 502/256,  
526/104, 526/106, 526/348, 526/96

|           |       |          |       |        |                |      |           |           |             |      |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|
| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC |
| Draw Desc | Image |          |       |        |                |      |           |           |             |      |

☐ 11. Document ID: US 6482901 B1

L8: Entry 11 of 30

File: USPT

Nov 19, 2002

US-PAT-NO: 6482901  
DOCUMENT-IDENTIFIER: US 6482901 B1

TITLE: Titanated chromium/silica-aluminophosphate catalyst

DATE-ISSUED: November 19, 2002

INVENTOR-INFORMATION:

| NAME          | CITY                  | STATE | ZIP CODE | COUNTRY |
|---------------|-----------------------|-------|----------|---------|
| Debras; Guy L | Frasnes-les-Gosselies |       |          | BE      |

US-CL-CURRENT: 526/113; 502/113, 526/116, 526/130, 526/154, 526/348, 526/352

|           |       |          |       |        |                |      |           |           |             |      |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|
| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC |
| Draw Desc | Image |          |       |        |                |      |           |           |             |      |

☐ 12. Document ID: US 6479589 B2

L8: Entry 12 of 30

File: USPT

Nov 12, 2002

US-PAT-NO: 6479589  
DOCUMENT-IDENTIFIER: US 6479589 B2

TITLE: Production of multimodal polyethylene

DATE-ISSUED: November 12, 2002

INVENTOR-INFORMATION:

| NAME            | CITY                  | STATE | ZIP CODE | COUNTRY |
|-----------------|-----------------------|-------|----------|---------|
| Debras; Guy     | Frasnes Lez Gosselies |       |          | BE      |
| Razavi; Abbas   | Mons                  |       |          | BE      |
| Michel; Jacques | Feluy                 |       |          | BE      |

US-CL-CURRENT: 525/191; 525/240

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Draw Desc | Image |          |       |        |                |      |           |           |             |

KWIC

### 13. Document ID: US 6462135 B1

L8: Entry 13 of 30

File: USPT

Oct 8, 2002

US-PAT-NO: 6462135

DOCUMENT-IDENTIFIER: US 6462135 B1

TITLE: Low-odor polyethylene blends

DATE-ISSUED: October 8, 2002

#### INVENTOR-INFORMATION:

| NAME             | CITY                   | STATE | ZIP CODE | COUNTRY |
|------------------|------------------------|-------|----------|---------|
| Rohde; Wolfgang  | Speyer                 |       |          | DE      |
| Bauer; Peter     | Ludwigshafen           |       |          | DE      |
| Lilge; Dieter    | Limburgerhof           |       |          | DE      |
| Lux; Martin      | Dannstadt-Schauernheim |       |          | DE      |
| de Lange; Paulus | Limburgerhof           |       |          | DE      |
| Funk; Guido      | Worms                  |       |          | DE      |

US-CL-CURRENT: 525/191; 264/331.11, 428/35.7, 428/500, 525/240

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Draw Desc | Image |          |       |        |                |      |           |           |             |

KWIC

### 14. Document ID: US 6441096 B1

L8: Entry 14 of 30

File: USPT

Aug 27, 2002

US-PAT-NO: 6441096

DOCUMENT-IDENTIFIER: US 6441096 B1

TITLE: Polymer composition for pipes

DATE-ISSUED: August 27, 2002

#### INVENTOR-INFORMATION:

| NAME                | CITY        | STATE | ZIP CODE | COUNTRY |
|---------------------|-------------|-------|----------|---------|
| Backman; Mats       | Goteborg    |       |          | SE      |
| Heino; Eeva-Leena   | Helsinki    |       |          | FI      |
| Johansson; Solveig  | Stenungsund |       |          | SE      |
| Laurell; Jussi      | Borg.ang.   |       |          | FI      |
| Lehtinen; Arja      | Helsinki    |       |          | FI      |
| Lindroos; Jarmo     | Tolkkinen   |       |          | FI      |
| Ora; Marja          | Vantaa      |       |          | FI      |
| Ribarits; Elisabeth | Spekerod    |       |          | SE      |
| Sihvonen; Teija     | Borg.ang.   |       |          | FI      |
| Aarila; Jari        | Borg.ang.   |       |          | FI      |

US-CL-CURRENT: 525/240; 138/177, 138/DIG.7, 166/242.1

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Draw Desc | Image |          |       |        |                |      |           |           |             |

KWMC

☒ 15. Document ID: US 6433095 B1

L8: Entry 15 of 30

File: USPT

Aug 13, 2002

US-PAT-NO: 6433095

DOCUMENT-IDENTIFIER: US 6433095 B1

TITLE: High density multimodal polyethylene

DATE-ISSUED: August 13, 2002

INVENTOR-INFORMATION:

| NAME             | CITY    | STATE | ZIP CODE | COUNTRY |
|------------------|---------|-------|----------|---------|
| Laurent; Etienne | Seneffe |       |          | BE      |

US-CL-CURRENT: 525/240; 525/319, 525/324

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Draw Desc | Image |          |       |        |                |      |           |           |             |

KWMC

☐ 16. Document ID: US 6423663 B1

L8: Entry 16 of 30

File: USPT

Jul 23, 2002

US-PAT-NO: 6423663

DOCUMENT-IDENTIFIER: US 6423663 B1

TITLE: Titanated chromium/silica-aluminophosphate catalyst

DATE-ISSUED: July 23, 2002

INVENTOR-INFORMATION:

| NAME          | CITY                   | STATE | ZIP CODE | COUNTRY |
|---------------|------------------------|-------|----------|---------|
| Debras; Guy L | Frasnes-Les-Grosselies |       |          | BE      |

US-CL-CURRENT: 502/208; 423/306, 502/210, 502/214, 502/239, 502/242, 502/256, 502/309, 502/349

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Draw Desc | Image |          |       |        |                |      |           |           |             |

KWMC

☒ 17. Document ID: US 6384158 B1

L8: Entry 17 of 30

File: USPT

May 7, 2002

US-PAT-NO: 6384158

DOCUMENT-IDENTIFIER: US 6384158 B1

TITLE: Polymerization catalysts, their production and use



DATE-ISSUED: May 7, 2002

INVENTOR-INFORMATION:

| NAME                      | CITY     | STATE | ZIP CODE | COUNTRY |
|---------------------------|----------|-------|----------|---------|
| Bamberger; Robert Lee     | Crosby   | TX    |          |         |
| Jejelowo; Moses Olukayode | Kingwood | TX    |          |         |

US-CL-CURRENT: 526/114; 525/240, 526/113, 526/118, 526/119, 526/160, 526/943

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|
| Draw Desc | Image |          |       |        |                |      |           |           |             |      |

☐ 18. Document ID: US 6346575 B1

L8: Entry 18 of 30

File: USPT

Feb 12, 2002

US-PAT-NO: 6346575

DOCUMENT-IDENTIFIER: US 6346575 B1

TITLE: Production of multimodal polythylene

DATE-ISSUED: February 12, 2002

INVENTOR-INFORMATION:

| NAME            | CITY                  | STATE | ZIP CODE | COUNTRY |
|-----------------|-----------------------|-------|----------|---------|
| Debras; Guy     | Frasnes Lez Gosselies |       |          | BE      |
| Razavi; Abbas   | Mons                  |       |          | BE      |
| Michel; Jacques | Feluy                 |       |          | BE      |

US-CL-CURRENT: 525/191; 525/240

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|
| Draw Desc | Image |          |       |        |                |      |           |           |             |      |

☐ 19. Document ID: US 6225253 B1

L8: Entry 19 of 30

File: USPT

May 1, 2001

US-PAT-NO: 6225253

DOCUMENT-IDENTIFIER: US 6225253 B1

TITLE: Titanated chromium/silica-aluminophosphate catalyst

DATE-ISSUED: May 1, 2001

INVENTOR-INFORMATION:

| NAME        | CITY                  | STATE | ZIP CODE | COUNTRY |
|-------------|-----------------------|-------|----------|---------|
| Debras; Guy | Frasnes-les-Gosselies |       |          | BE      |

US-CL-CURRENT: 502/214; 423/306, 502/210, 502/239, 502/242, 502/309, 502/349

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|
| Draw Desc | Image |          |       |        |                |      |           |           |             |      |

☐ 20. Document ID: US 6218472 B1

L8: Entry 20 of 30

File: USPT

Apr 17, 2001

US-PAT-NO: 6218472

DOCUMENT-IDENTIFIER: US 6218472 B1

TITLE: Production of multimodal polyethylene

DATE-ISSUED: April 17, 2001

INVENTOR-INFORMATION:

| NAME            | CITY                  | STATE | ZIP CODE | COUNTRY |
|-----------------|-----------------------|-------|----------|---------|
| Debras; Guy     | Frasnes Lez Gosselies |       |          | BE      |
| Razavi; Abbas   | Mons                  |       |          | BE      |
| Michel; Jacques | Feluy                 |       |          | BE      |

US-CL-CURRENT: 525/191; 525/240

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|
| Draw Desc | Image |          |       |        |                |      |           |           |             |      |

☐ 21. Document ID: US 6200920 B1

L8: Entry 21 of 30

File: USPT

Mar 13, 2001

US-PAT-NO: 6200920

DOCUMENT-IDENTIFIER: US 6200920 B1

TITLE: Titanated chromium-based catalysts to produce polyethylene

DATE-ISSUED: March 13, 2001

INVENTOR-INFORMATION:

| NAME              | CITY                  | STATE | ZIP CODE | COUNTRY |
|-------------------|-----------------------|-------|----------|---------|
| Debras; Guy       | Frasnes Lez Gosselies |       |          | BE      |
| Dath; Jean-Pierre | Beloeil               |       |          | BE      |

US-CL-CURRENT: 502/103; 502/232, 502/240, 502/242, 502/254, 502/256, 526/106, 526/113, 526/348, 526/96

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|
| Draw Desc | Image |          |       |        |                |      |           |           |             |      |

☐ 22. Document ID: US 6194520 B1

L8: Entry 22 of 30

File: USPT

Feb 27, 2001

US-PAT-NO: 6194520

DOCUMENT-IDENTIFIER: US 6194520 B1

TITLE: Ethylene polymer resins for blow molding applications

DATE-ISSUED: February 27, 2001

## INVENTOR-INFORMATION:

| NAME                  | CITY         | STATE | ZIP CODE | COUNTRY |
|-----------------------|--------------|-------|----------|---------|
| Cheruvu; Subrahmanyam | Robbinsville | NJ    |          |         |
| Nowlin; Thomas E.     | West Windsor | NJ    |          |         |
| Ong; S. Christine     | Warren       | NJ    |          |         |
| Prasad; Giyarpuram N. | Melbourne    |       |          | AU      |
| Tong; Paul P.         | Watchung     | NJ    |          |         |

US-CL-CURRENT: 525/240; 525/247, 525/268, 525/270, 525/320, 525/324, 525/53

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|
| Draw Desc | Image |          |       |        |                |      |           |           |             |      |

☐ 23. Document ID: US 6143854 A

L8: Entry 23 of 30

File: USPT

Nov 7, 2000

US-PAT-NO: 6143854

DOCUMENT-IDENTIFIER: US 6143854 A

TITLE: Polymerization catalysts, their production and use

DATE-ISSUED: November 7, 2000

## INVENTOR-INFORMATION:

| NAME                      | CITY     | STATE | ZIP CODE | COUNTRY |
|---------------------------|----------|-------|----------|---------|
| Bamberger; Robert Lee     | Crosby   | TX    |          |         |
| Jejelowo; Moses Olukayode | Kingwood | TX    |          |         |

US-CL-CURRENT: 526/348.1; 264/176.1, 526/348.2, 526/348.4, 526/348.6

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|
| Draw Desc | Image |          |       |        |                |      |           |           |             |      |

☐ 24. Document ID: US 6121402 A

L8: Entry 24 of 30

File: USPT

Sep 19, 2000

US-PAT-NO: 6121402

DOCUMENT-IDENTIFIER: US 6121402 A

TITLE: Polyethylene, thermoplastic resin composition containing same, and process for preparing polyethylene

DATE-ISSUED: September 19, 2000

## INVENTOR-INFORMATION:

| NAME             | CITY      | STATE | ZIP CODE | COUNTRY |
|------------------|-----------|-------|----------|---------|
| Machida; Shuji   | Sodegaura |       |          | JP      |
| Shikuma; Haruo   | Sodegaura |       |          | JP      |
| Hoshino; Ayami   | Sodegaura |       |          | JP      |
| Takakura; Yutaka | Sodegaura |       |          | JP      |

US-CL-CURRENT: 526/352; 525/240, 525/338, 526/114, 526/119, 526/126, 526/127, 526/133, 526/134, 526/160

|           |       |          |       |        |                |      |           |           |             |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
| Draw Desc | Image |          |       |        |                |      |           |           |             |

KWMC

## 25. Document ID: US 5747620 A

L8: Entry 25 of 30

File: USPT

May 5, 1998

US-PAT-NO: 5747620

DOCUMENT-IDENTIFIER: US 5747620 A

TITLE: Ethylene copolymer, thermoplastic resin composition containing same, and process for preparing ethylene copolymer

DATE-ISSUED: May 5, 1998

### INVENTOR-INFORMATION:

| NAME             | CITY      | STATE | ZIP CODE | COUNTRY |
|------------------|-----------|-------|----------|---------|
| Machida; Shuji   | Sodegaura |       |          | JP      |
| Shikuma; Haruo   | Sodegaura |       |          | JP      |
| Hoshino; Ayami   | Sodegaura |       |          | JP      |
| Takakura; Yutaka | Sodegaura |       |          | JP      |

US-CL-CURRENT: 526/348.3; 525/333.7, 525/338, 526/113, 526/114, 526/116, 526/160, 526/164, 526/348, 526/348.2, 526/348.5, 526/348.6

|           |       |          |       |        |                |      |           |           |             |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
| Draw Desc | Image |          |       |        |                |      |           |           |             |

KWMC

## 26. Document ID: US 5631069 A

L8: Entry 26 of 30

File: USPT

May 20, 1997

US-PAT-NO: 5631069

DOCUMENT-IDENTIFIER: US 5631069 A

TITLE: Medium modulus molded material comprising substantially linear polyethylene and fabrication method

DATE-ISSUED: May 20, 1997

### INVENTOR-INFORMATION:

| NAME                 | CITY              | STATE | ZIP CODE | COUNTRY |
|----------------------|-------------------|-------|----------|---------|
| Wooster; Jeffrey J.  | Lake Jackson      | TX    |          |         |
| Geussens; Theo L. V. | Meeuwen-Gruitrode |       |          | BE      |
| Van Dun; Jozef J. I. | Zandhoven         |       |          | BE      |

US-CL-CURRENT: 428/220; 264/141, 264/209.4, 264/568, 525/198, 525/240, 526/348.3, 526/348.5

|           |       |          |       |        |                |      |           |           |             |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
| Draw Desc | Image |          |       |        |                |      |           |           |             |

KWMC

☐ 27. Document ID: US 4588775 A

L8: Entry 27 of 30

File: USPT

May 13, 1986

US-PAT-NO: 4588775

DOCUMENT-IDENTIFIER: US 4588775 A

TITLE: High toughness propylene polymer compositions

DATE-ISSUED: May 13, 1986

INVENTOR-INFORMATION:

| NAME                        | CITY    | STATE | ZIP CODE | COUNTRY |
|-----------------------------|---------|-------|----------|---------|
| McCullough, Jr.; J. Douglas | Houston | TX    |          |         |

US-CL-CURRENT: 525/88; 524/261, 525/106, 525/211, 525/240, 525/97

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Draw Desc | Image |          |       |        |                |      |           |           |             |

KWIC

☐ 28. Document ID: US 3974132 A

L8: Entry 28 of 30

File: USPT

Aug 10, 1976

US-PAT-NO: 3974132

DOCUMENT-IDENTIFIER: US 3974132 A

TITLE: Process for curing olefin polymers

DATE-ISSUED: August 10, 1976

INVENTOR-INFORMATION:

| NAME               | CITY       | STATE | ZIP CODE | COUNTRY |
|--------------------|------------|-------|----------|---------|
| Valdiserri; Leo L. | Washington | WV    |          |         |

US-CL-CURRENT: 524/87; 524/255, 524/258, 524/332, 524/334, 524/534, 525/263, 525/264, 525/265, 525/287, 525/331.8, 525/340, 525/387, 526/277, 526/339, 526/352, 526/352.2

| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Draw Desc | Image |          |       |        |                |      |           |           |             |

KWIC

☐ 29. Document ID: JP 57133136 A

L8: Entry 29 of 30

File: JPAB

Aug 17, 1982

PUB-NO: JP357133136A

DOCUMENT-IDENTIFIER: JP 57133136 A

TITLE: POLYETHYLENE COMPOSITION

PUBN-DATE: August 17, 1982

INVENTOR-INFORMATION:

NAME

COUNTRY

SHICHI, YOSHIO

SUGI, NORIO

US-CL-CURRENT: 525/240

INT-CL (IPC): C08L 23/06

|           |       |          |       |        |                |      |           |           |             |      |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|
| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC |
| Draw Desc | Image |          |       |        |                |      |           |           |             |      |

☐ 30. Document ID: EP 1201713 A1 AU 200220664 A WO 200234829 A1

L8: Entry 30 of 30

File: DWPI

May 2, 2002

DERWENT-ACC-NO: 2002-559704

DERWENT-WEEK: 200260

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TITLE: Polyethylene resin for pipes and fittings, comprises specified amount of polyethylene fractions comprising linear low density polyethylene, and high density polyethylene

|           |       |          |       |        |                |      |           |           |             |      |
|-----------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|
| Full      | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC |
| Draw Desc | Image |          |       |        |                |      |           |           |             |      |

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